

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE X WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.DATE FILED 8-21-80

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-8347

INDIAN

DRILLING APPROVED: 9-22-80

SPUDDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 5594' G.P.DATE ABANDONED: 5-12-82 LOCATION ABANDONED, WELL NEVER DRILLEDFIELD: WILDCAT - 3/86 Love FieldUNIT: LOVE UNITCOUNTY: UINTAHWELL NO. LOVE #B 3-9API NO. 43-047-30767LOCATION 1515'FT. FROM ~~XXX~~ LINE.1147'FT. FROM ~~XXX~~ (W) LINE.NW SW1/4 - 1/4 SEC. 9

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

11S21E9COTTON PETROLEUM CORP.

FILE NOTATIONS

Entered in NID File ☒

Entered On S R Sheet ☐

Location Map Pinned ☐

Card Indexed ☒

IWR for State or Fee Land ☐

Checked by Chief ☐

Copy NID to Field Office ☐

Approval Letter ☐

Disapproval Letter ☐

COMPLETION DATA:

Date Well Completed ☐

OW ☐ WW ☐ TA ☐

GW ☐ OS ☐ PA ☐

Location Inspected ☐

Bond released ☐

State of Fee Land ☐

LOGS FILED

Driller's Log ☐

Electric Logs (No. ☐)

E-I ☐ I ☐ E-I ☐ GR ☐ GR-N ☐ Micro ☐

Lat ☐ Mi-L ☐ Sonic ☐ Others ☐

CHD
08/04/82

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Cotton Petroleum Corporation

3. ADDRESS OF OPERATOR

717-17th Street-Suite 2200, Energy Center One Building

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

Sec. 9, T 11S, R 21E
At proposed prod. zone1147' FWL - 1515' FSL *NW3/4*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

7200'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5594' GR

22. APPROX. DATE WORK WILL START*

April 1, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13 3/8"	48#	300'	200 sacks
8-3/4"	4 1/2"	10.5# - 11.6#	7200'	2000 sacks

Drill 7200' Mesaverde test. Drill 17 1/2" surface hole to 300' with native brine water to clean hole, set 13 3/8 casing and cement to surface. Wait on cement 12 hours. Pressure test casing and BOP to 1000 psi before drilling out, test BOP operation daily and record. Drill 8 3/4" hole to 7200' with brine water to 4100' and with a polymer brine water from 4100' to 7200'. Mud weight will be 9.4 to 10.4 lbs. per gallon. Evaluate well by sample analysis and electric logs. Run 4 1/2" casing if a commercial well is expected.

APPROVED BY THE DIVISION
OF OIL, GAS, AND MININGDATE: 8-26-80BY: M. J. Winder

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Division Production Manager

DATE

(This space for Federal or State office use)

PERMIT NO.

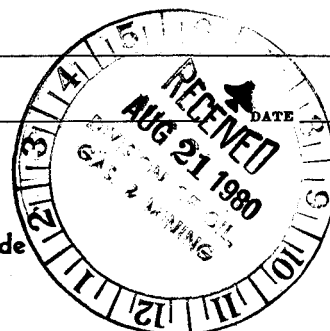
APPROVAL DATE

APPROVED BY

TITLE

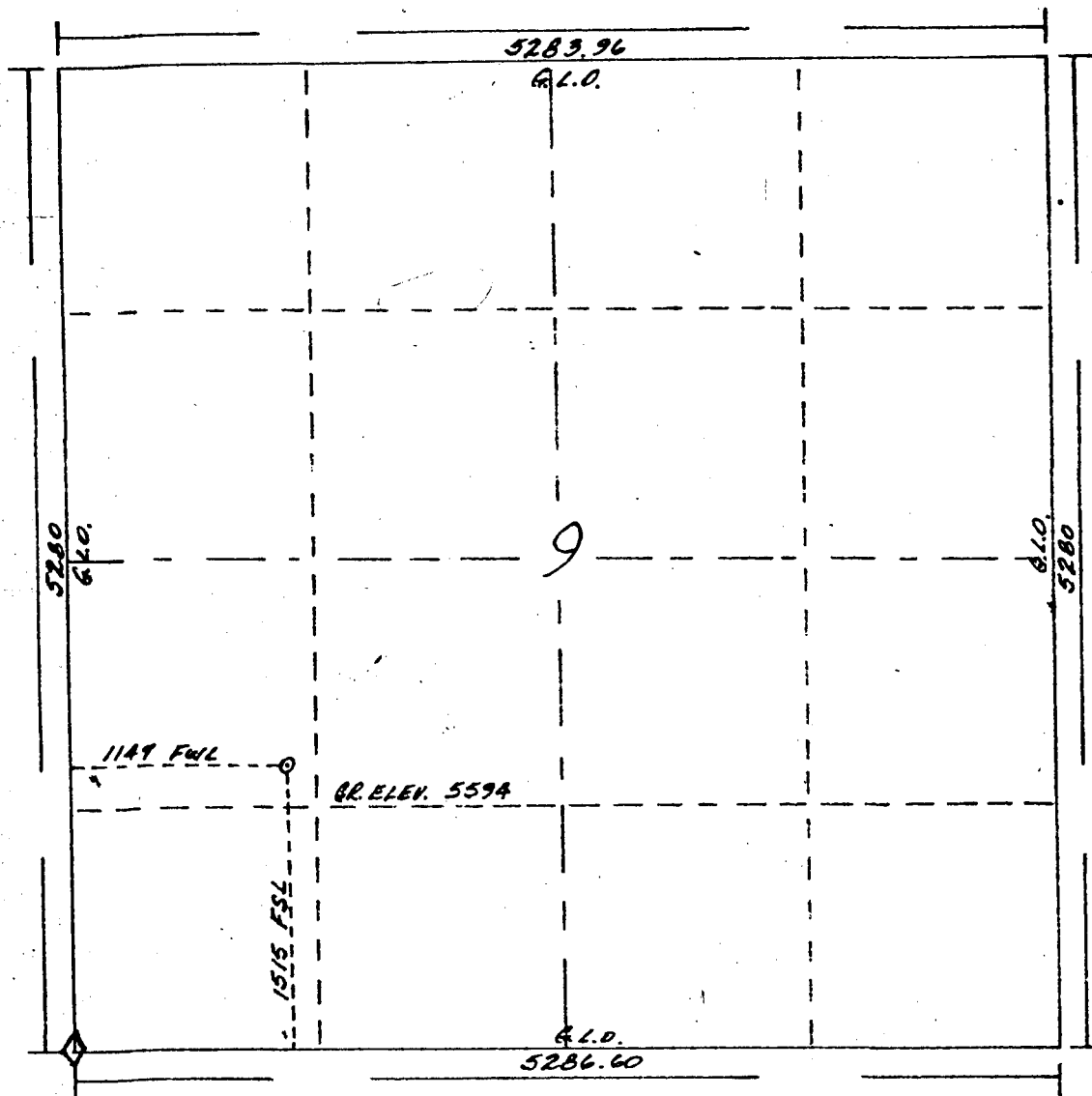
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side





R. 21 E.

T.
11
S.

Scale... 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from Steve Zamets
for COTTON PETROLEUM
determined the location of #B3-9 LOVE UNIT
to be 1515' FSL & 1147' FWL of Section 9 Township 11 S.
Range 21 E. of the Salt Lake Base and Meridian
Uintah County, Utah.

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of
#B3-9 LOVE UNIT

Date: 7-1-80

Wm D Beckler
Licensed Land Surveyor No. 4189
State of UTAH

Cotton Petroleum Corporation
A United Energy Resources, Inc. Company

717-17th Street Energy Center One—Suite 2200, Denver, Colorado 80202 (303) 893-2233



August 14, 1980

District Engineer
U.S. Geological Survey
8440 Federal Building
125 S. State
Salt Lake City, Utah 84138

RE: Love Unit B3-9
C SW Sec 9, T 11S, R 21E
Uintah County, Utah
NTL-6 Information for APD

Dear Sir:

1. Surface Formation - Tertiary/Unita
2. Estimated Tops: Wasatch 4100'
 Mesaverde 6400'
3. Estimated Depth of Fluids or Hydrocarbons:
 - a. Surface waters: above 2500'
 - b. Wasatch: gas and condensate
 - c. Mesaverde: gas and condensate
4. Surface Casing: approximately 300' of 13-3/8" H40, 48#, new cemented with 200 sacks regular cement plus lost circulation material and calcium chloride.

Long String of Casing: ~~4-1/2"~~, 10.5# & 11.6# N-80 new cemented with 1000 sacks Pozmix cement with thinner retarder, fluid loss and lost circulation additives.

5. Wellhead Equipment (see Attachment#1)
 - a. 3000# W.P., 6000# test series, 900 casing head and double ram blow-out preventer.
 - b. Nominal 10" casing head and blow-out preventer with 10" flanges.
 - c. See Attachment #1 for 2" fill-up flare line hookup.
 - d. Pressure test wellhead, blow-out preventer, and surface casing to 1000 psig for 30 minutes with maximum 100 psig loss of pressure prior to drilling out from under surface casing.

- a. Test operate pipe rams once each twenty-four hours and both pipe rams and blind rams each trip out of hole, and record on driller's tour report.

6. Drilling Fluid:

- a. Surface hole: Native brine water, wt. 8.5-8.6, vis 30-35
- b. Under surface to 2500': Brine water, wt. 9.0-9.5, vis 32-38
- c. 2500'-4100'; Brine water as in "b" above
- d. 4100' TD Brine water with additives to obtain the following properties: wt. 9.4-10.4; vis 32-38, wt 5-15 c.c.
- e. 400 barrel steel surface pits
- e. No formation gradient higher than 0.5 psi per foot is expected.

7. Auxiliary Equipment:

At top of Wasatch, the following equipment will be installed:

- a. Rotating Head
- b. Stabbing sub and full opening valve on the floor

8. Testing and Logging:

All potential reservoirs listed in "3" above will have drill cuttings and mud examined by a wellsite geologist for shows of oil and gas. An electric logging program of Induction-Laterlog/SP, Gamma Ray/Caliper and CNL-FDC will be run for depth control of all formations, porosity and saturation determinations. A DST will be used if additional evaluation is required. Completion attempt will be made in the Wasatch-Mesaverde with a fracture stimulation.

9. Pressures and Temperatures:

No abnormal pressures or temperatures have been encountered in nearby wells. No hydrogen sulfide has been found in daily mud checks or produced fluids.

10. The well will be started on approximately _____ and will require six weeks for drilling plus required time for evaluation of potential reservoirs (testing, logging) and any difficulties encountered by the drilling rig.

Very truly yours,



D.E. Wood
Division Production Manager



Surface Use & Operations Plan:

1. Existing Roads:

Access from the Town of Ouray is shown on the attached drainage map (Attachment #2). The route to the well is color-coded in red and described on Attachment #3. The lease road will require upgrading to full load capacity, no additional road preparation is needed during operations except for road grading.

2. Access Roads:

7300 feet of road construction is proposed for the drilling operation. During drilling, the access road will be improved consistent with the existing lease roads; single lane, 16' width, 10% max. grade, drainage ditch on uphill side, 4:1 slope with diversion away from the road as required on downhill slope exceeding 2% grade

3. Location of Existing Wells:

All existing wells are shown on the topograph map on Attachment #4.

4. Location of Existing and/or Proposed Facility:

There are no tank batteries, production facilities or lease pipelines on the lease. If production is encountered, tank batteries and production equipment will be located at the Northwest edge of the well mat and fenced. All flow lines are to be constructed on the well mat on top of the ground (refer to Attachment #5 for tank battery location in reference to the well). In the event the well is non-productive, all unused portions of the well pad will be restored to natural conditions.

5. Water Supply:

Water for drilling the subject well will be supplied and trucked from Ouray.

6. Construction Materials:

All road and location material will be found on location

7. Methods of Handling Waster Disposal

Well cuttings will be disposed in a reserve pit. Garbage will be collected in a trash bin, and removed to landfill after completion of drilling and completion operations. All detrimental waste will be hauled away. If well is productive, maintenance waste will be placed in special trash cans and hauled away periodically. Any produced water will be collected in tanks until hauled to an approved disposal system. No waste water pits will be constructed without prior approval of U.S.G.S. Human wastes will be collected in a sanitary toilet facility with wastes being buried in a pit with a minimum coverage of 24" dirt.

8. Ancillary Facilities:

Temporary living trailers will be located on the Southwest edge of the well pad. This will include trailers for the rig tool pusher, the consulting engineer and the mud loggers.

9. Wellsite Layout:

Refer to Attachment #5 for direction orientation access.

- a. Mat size - 275 x 330
- b. Cut and Fill - (see Attachment #6 for cut and fill)
- c. Surface - Will be bladed, watered, and compacted.
- d. Reserve Pit - Will be 150 x 150 joining well mat on the West.
- e. Drillsite Layout - Attachment #5 shows position of mat reserve pits, trash pits, and mud pits in relation to well. Rig will be erected with V-Door looking Northwest.
- f. Center line of planned access road has been staked and a 400' square around wellsite has been staked with flags at each corner.

10. Restoration of Surface:

If well is productive, pits will be back-filled and leveled as soon as drying permits. All plastic waste material will be removed or buried with at least 24" of cover. At the time of final abandonment, the roadway as well as pad will be restored to natural conditions.

11. Other Information .

- a. Topography - Land is gently sloping to the Northeast as shown by the topographic map in Attachment #2.
- b. Soil - The soil is very shallow, rocky top soil
- c. Vegetation - The vegetation is generally sparse and consists primarily of native grasses. Wildlife in the area is that typical of semi-arid land which includes coyotes, rabbits, rodents, reptiles, and quail. ~~The area will be reseeded after drilling is complete.~~
- d. Ponds and Streams - There are no rivers, streams, lakes or ponds in the area.
- e. Residences and Other Structures - There are no buildings of any type within a radius of 2 miles of the proposed well.
- f. Surface Use - Grazing and hunting.
- g. Effect on Environment - Drillsite is located in a low environmental risk area. A total effect in drilling and producing this and other wells in this area would be minimal.
- h. Surface Ownership - The proposed drillsite is on federal surface. All proposed roads are on federal surface.
- i. Open Pits - All pits containing mud or other liquids will be fenced. Reserve pits will be fenced on three sides during drilling and the fourth side afterwards.
- j. Well Signs - Signs identifying and locating the well will be maintained at drillsite commencing with the spudding of the well.

12. Operator's Representatives:

Field personnel who can be contacted concerning compliance with the surface use plan are as follows:

Gary Cooper
P. O. Box 280
Wamsutter, Wyoming
phone
Mobile:

(307) 324-7866
(307) 682-5603

D.E. Wood
Denver, Colorado
office phone:
home phone


(303) 893-2233
(303) 773-2722

Glenn Garvey
Denver, Colorado
office phone:

(303) 893-2233
(303) 979-3714

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Cotton Petroleum Corporation, Mercury Drilling Co., and subcontractors in conformity with this plan and the terms and conditions under which it is approved.



D.E. Wood
Division Production Manager



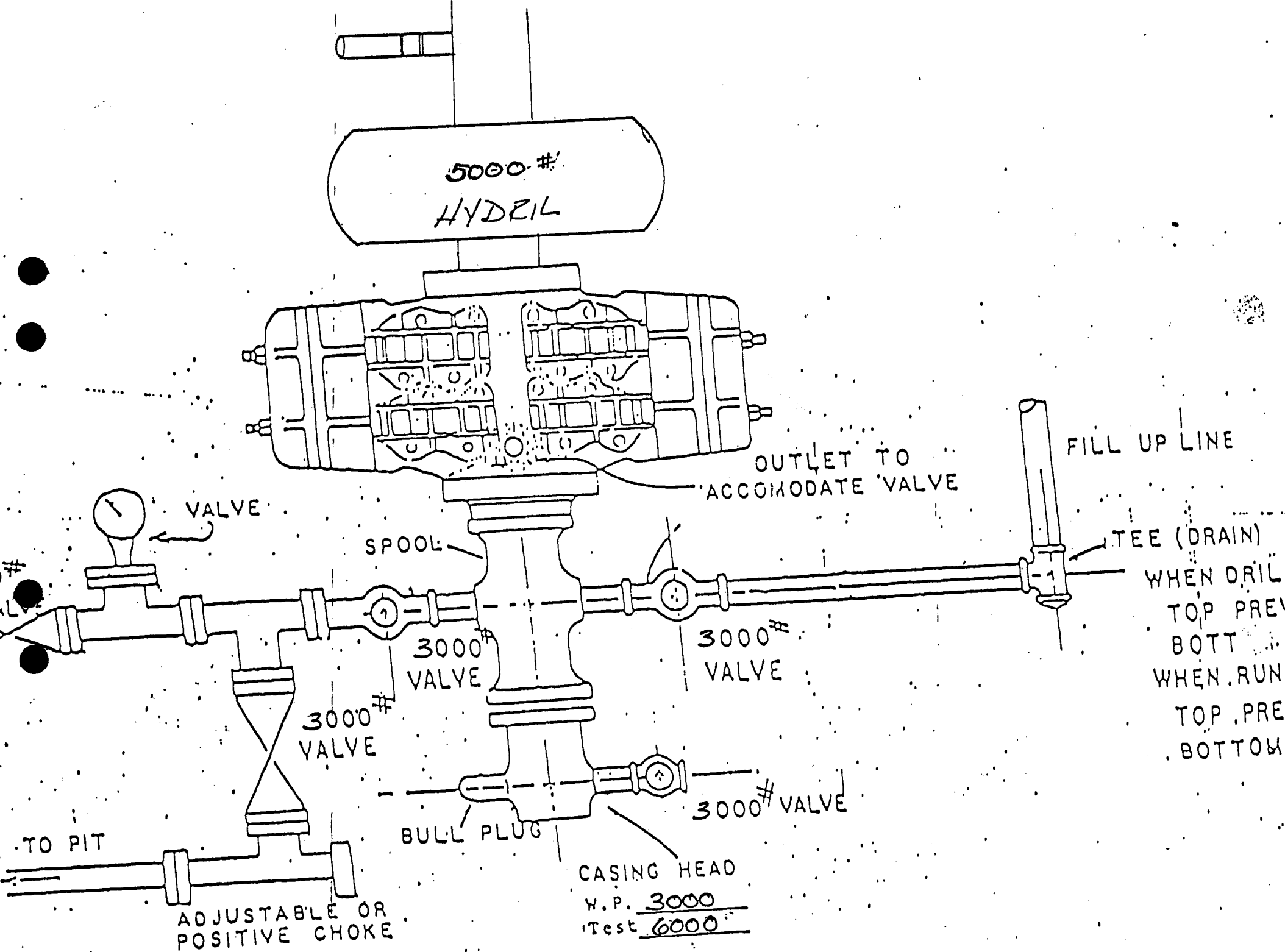
POWERS ELEVATION COMPANY, INC.

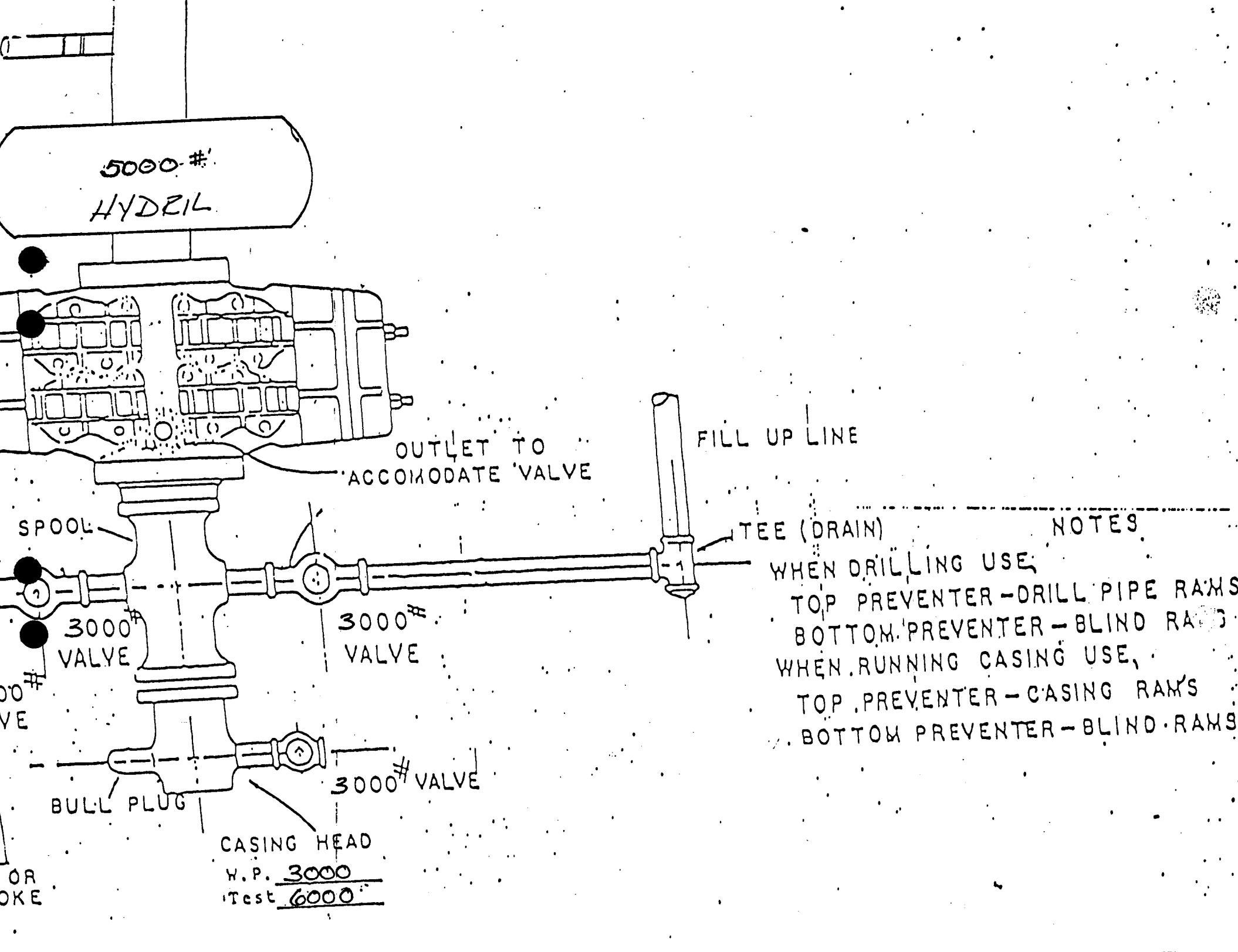
July 1, 1980

Directions to COTTON PETROLEUM location B3-9 Love Unit:

Beginning at the Post Office in downtown Vernal, Utah, go Westerly on U.S. Highway 40 for 14 miles to its intersection with Utah Highway 88; turn left and go Southerly on Utah Highway 88 for 6.8 miles; turn left and go 18.7 miles; turn left onto a 30-foot gravel road and go 7.8 miles to an oil well service road; turn left and go 0.6 mile to a gas well and a pipeline; travel Southerly along this pipeline for 0.6 mile; turn left onto a jeep road and travel 0.3 mile; look right to the start of the flagged access road to be built 1.4 miles to the location.







5000 #
HYDRIL

OUTLET TO
ACCOMODATE VALVE

SPOOL

3000 #
VALVE

3000 #
VALVE

BULL PLUG

3000 # VALVE

CASING HEAD
W.P. 3000
Test 6000

FILL UP LINE

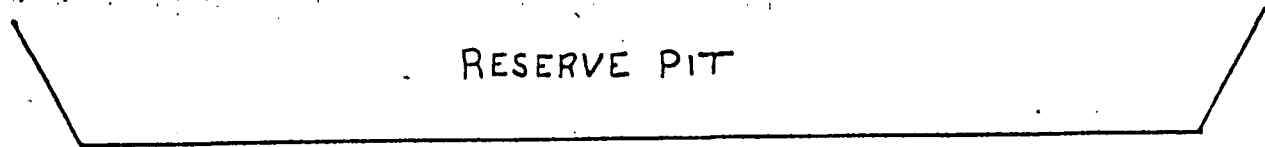
TEE (DRAIN)

NOTES

WHEN DRILLING USE
TOP PREVENTER - DRILL PIPE RAMS
BOTTOM PREVENTER - BLIND RAMS
WHEN RUNNING CASING USE
TOP PREVENTER - CASING RAMS
BOTTOM PREVENTER - BLIND RAMS

OR
JOKE

BOILER HOUSE



MUD HOUSE

MUD TANK
425 BBL.

GENERATOR HOUSE

PARTS

D-300

D-500

SUBSTRUCTURE

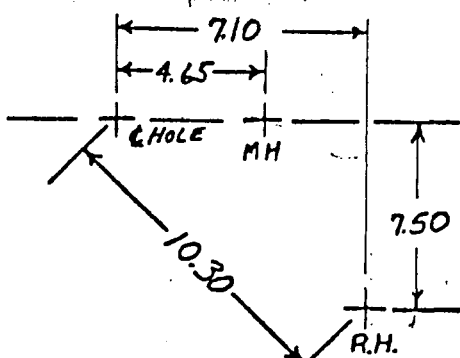
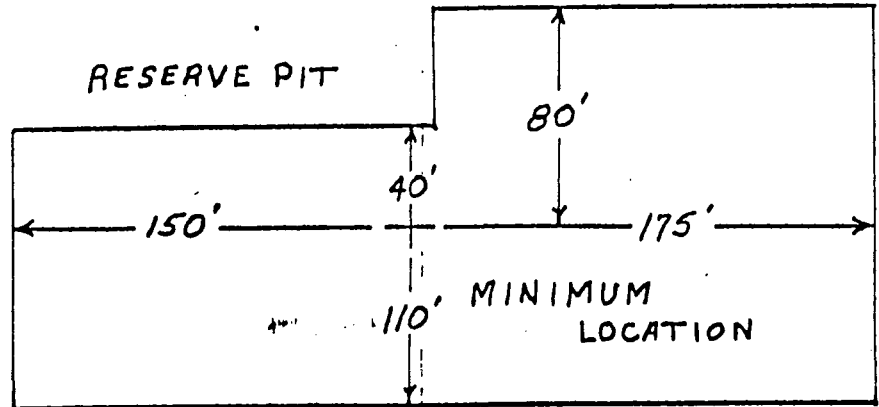
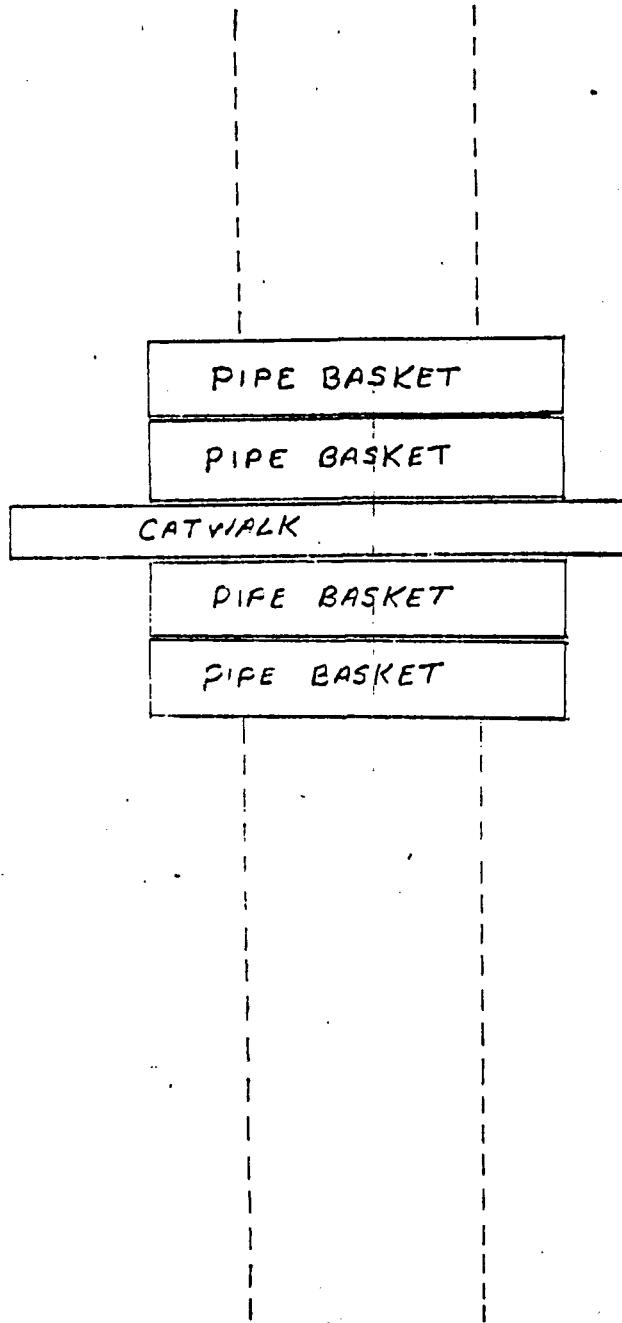


WATER TANK
450 BBL.

WATER TANK
640 BBL.

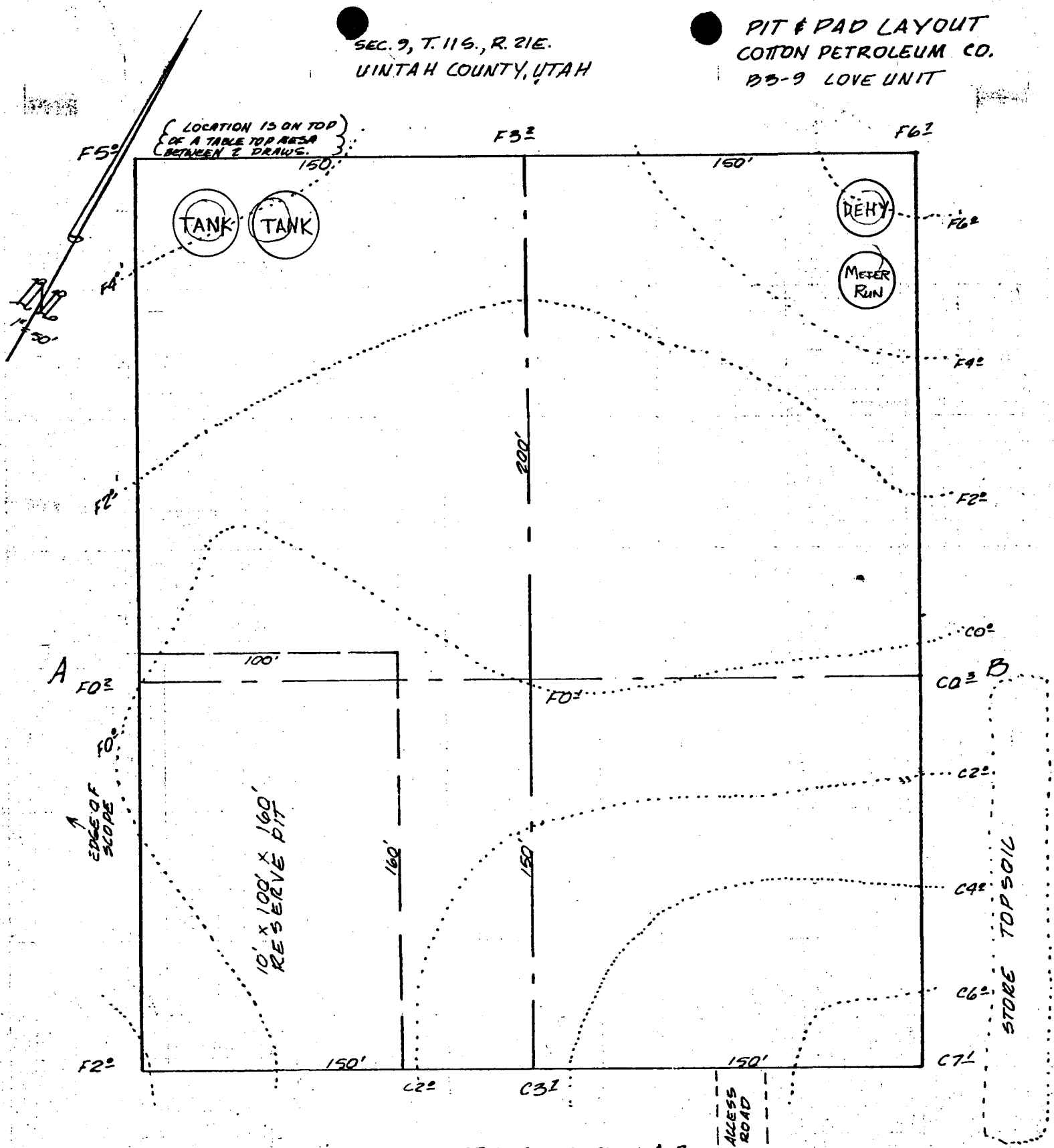
TOP HOUSE

ACCUM

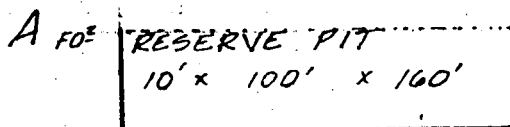


SEC. 9, T. 11 S., R. 21 E.
UINTAH COUNTY, UTAH

PIT & PAD LAYOUT
COTTON PETROLEUM CO.
B5-9 LOVE UNIT

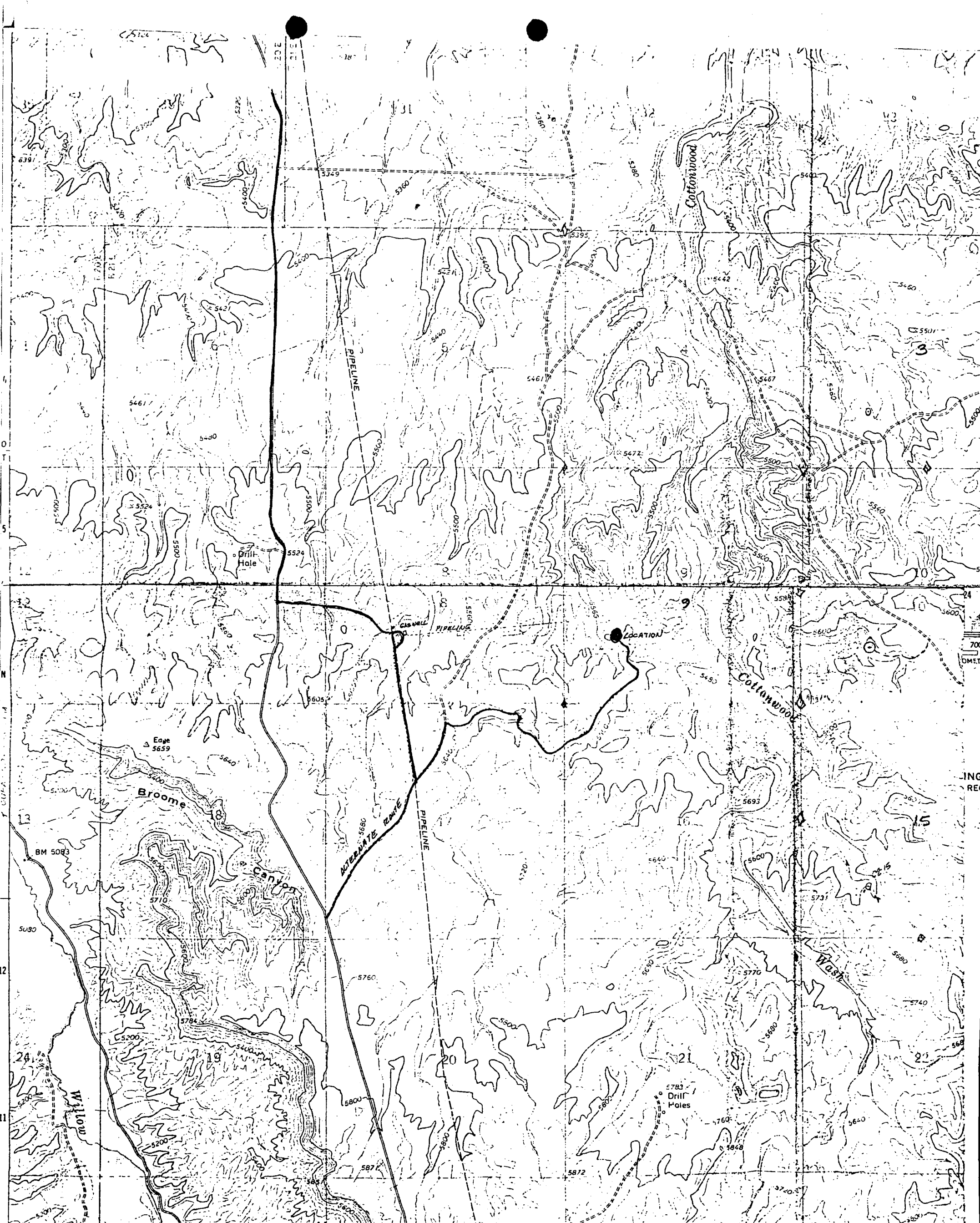


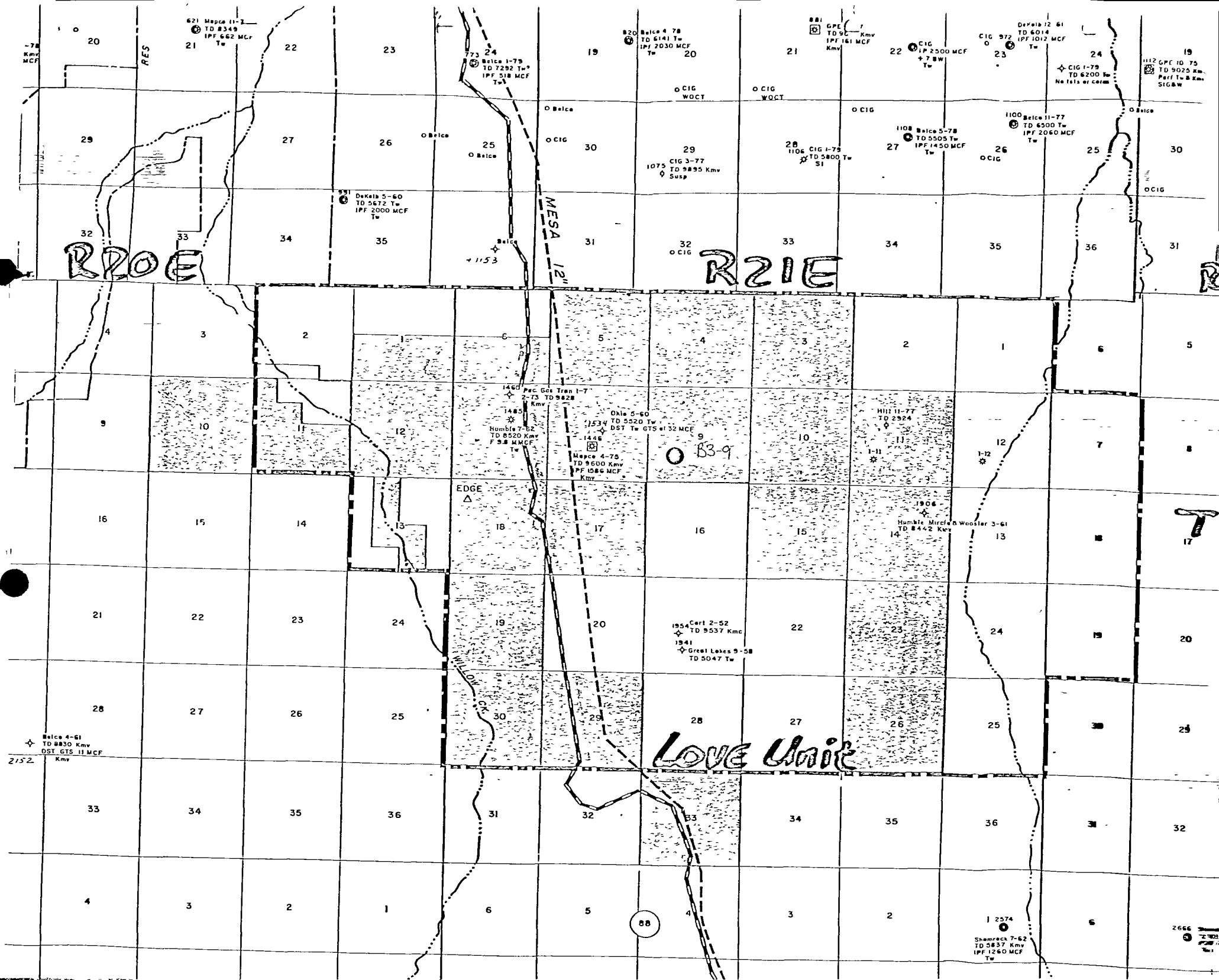
CROSS-SECTION A-B



HORIZ. SCALE 1" = 50'
VERT. SCALE 1" = 20'

POWERS ELEV. CO.
GRAND JCT., COLO.
BY
LARRY D. BELKER
7-7-80





**** FILE NOTATIONS ****

DATE: 8-25-80

OPERATOR: Cotton Petroleum Corp.

WELL NO: Lone B3-9

Location: Sec. 9 T. 11S R. 21E County: Unitah

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-047-30767

CHECKED BY:

Petroleum Engineer: W.J. Minder 8-26-80

Director: _____

Administrative Aide: _____

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation ☒

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒

P.I. ☒

Unit

September 2, 1980

Cotton Petroleum Corporation
717-17th Street, Suite 2200
Denver, Colorado 80202

RE: Well No. Love B2-3, Sec. 3, T. 11S, R. 21E., Uintah County, Utah
Well No. Love B3-9, Sec. 9, T. 11S, R. 21E., Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas wells are hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
OFFICE: 533-5771
HOME: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API numbers assigned to these wells are Love B2-3: 43-047-30760,
Love B3-9: 43-047-30767

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/bh

cc: USGS

DUPLICATE

SUBMIT IN TRIPPLICATE*

(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Cotton Petroleum Corporation

3. ADDRESS OF OPERATOR

717-17th Street-Suite 2200, Energy Center One Building

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

Sec. 9, T 11S, R 21E

At proposed prod. zone

1147' FWL - 1515' FSL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

7200'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5594' GR

22. APPROX. DATE WORK WILL START*

April 1, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13 3/8"	48#	300'	200 sacks
8-3/4"	4 1/2"	10.5# - 11.6#	7200'	2000 sacks

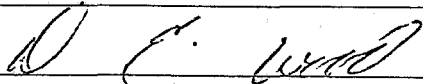
Drill 7200' Mesaverde test. Drill 17 1/2" surface hole to 300' with native brine water to clean hole, set 13 3/8 casing and cement to surface. Wait on cement 12 hours. Pressure test casing and BOP to 1000 psi before drilling out, test BOP operation daily and record. Drill 8 3/4" hole to 7200' with brine water to 4100' and with a polymer brine water from 4100' to 7200'. Mud weight will be 9.4 to 10.4 lbs. per gallon. Evaluate well by sample analysis and electric logs. Run 4 1/2" casing. A commercial well is expected.

Colorado
Oil and Gas Conservation Commission
Centennial Building
100 Sherman Street
Denver, Colorado 80203

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED



TITLE Division Production Manager

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY



TITLE

FOR E. W. GUYNN, V.
DISTRICT ENGINEER

DATE

MAY 11 1981

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY
See Instructions On Reverse SideFLARING OR BURNING OF
GAS IS SUBJECT TO NTL 4-A
DATED 11/80

State 046

Identification CER/EA No. 659-80

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Cotton Petroleum Corporation

Project Type Gas well drilling

Project Location 1147' FWL 1515' FSL Sec. 9, T. 11S, R. 21 E

Well No. B3-9 Lease No. U-8347

Date Project Submitted August 21, 1980

FIELD INSPECTION

Date September 4, 1980

Field Inspection
Participants

Greg Darlington - USGS, Vernal

Ron Rogers - BLM, Vernal

Larry England - BLM, Vernal

Don Mecham - Cotton Petroleum Corporation

Jim Hacking - D.E. Casada Construction

Bud Pease - Pease Construction

Related Environmental Documents: Unit Resource Analysis, Seep Ridge Planning
Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

October 1, 1980

Date Prepared

Greg Darlington
Environmental Scientist

I concur

10/9/80
Date

E. L. [Signature]
District Supervisor

Typing In 10-1-80

Typing Out 10-1-80

PROPOSED ACTION:

Cotton Petroleum Corporation proposes to drill the B3-9 well on lease U-8347, a 7200 foot gas test of the Mesaverde formation. This project would involve 1.4 miles of new access road and .9 miles of jeep trail partially along a pipeline right of way which will be extensively upgraded. Minor upgrading of an additional .6 miles of well service road is also involved. An area of operations 300 feet by 325 feet would include the pad and a reserve pit 100 feet by 160 feet with the southwest corner of the reserve pit contoured off to avoid a dropoff in the topography at that corner. A total surface disturbance of about 7.3 acres would be involved with 2.2 acres required for the pad and 5.1 acres for the proposed access road. At the onsite the original access route was chosen and an alternate proposed route was rejected. A map attached to the APD describes both routes.

RECOMMENDED APPROVAL CONDITIONS:

Drilling should be allowed, provided the following measures are incorporated into the proposed APD and adhered to by the operator:

1. Lease stipulation.
2. BLM surface use stipulations.
3. The operator agrees to furnish suitable logs as requested by the Mining and Mineral Evaluation reports.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 3, 6	9-4-80	
Unique charac- teristics							1, 2, 3, 6	9-4-80	
Environmentally controversial							1, 2, 3, 6	9-4-80	
Uncertain and unknown risks							1, 2, 3, 6	9-4-80	
Establishes precedents							1, 6	9-4-80	
Cumulatively significant							1, 6	9-4-80	
National Register historic places							1, 6	9-4-80	
Endangered/ threatened species							1, 6	9-4-80	
Violate Federal, State, local, tribal law							1, 2, 3, 6	9-4-80	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement



North View of Cotton Well B 3-9
Section 9, T11S, R21E

9/4



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

IN REPLY REFER TO

T & R
U-802

September 8, 1980

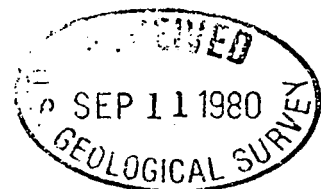
Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Cotton Petroleum Company
Love Unit
Well #C2-15, Lease U-8344,
Sec. 15, T11S, R21E;
Well #B3-9, Lease U-8347,
Sec. 9, T11S, R21E;
Well #C1-14, Lease U-8344,
Sec. 14, T11S, R21E;
Well #B2-3, Lease U-8347,
Sec. 3, T11S, R21E;
Uintah County, Utah

Dear Mr. Guynn:

A joint field examination was made on September 4, 1980, of the above referenced well site locations and proposed access roads. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. Traveling off access road rights-of-way will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area, except where backslope and fills require additional area. Turn-outs will not be required. The access road will be crowned and bar ditched where needed.
3. Topsoil will be stockpiled as addressed in the applicant's 13 Point Plan. The BLM recommends that the top four (4) to six (6) inches of soil materials be stockpiled separately from cut material.



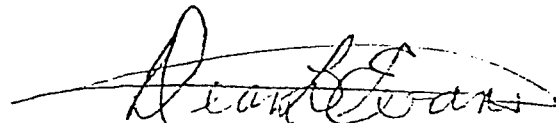
4. The BLM must be contacted at least 24 hours prior to any construction activities.
5. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.
6. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained and hauled to an approved disposal site.
7. A wire mesh or web type fence will be used around the reserve pits. At least two strands of barbed wire will top this fence.
8. If oil storage tanks are installed, a retaining dike will be constructed around the tanks of sufficient height to contain the oil in the event of tank failure.
9. Reserve pits will be at least half their depths below the natural ground surface.
10. At well #B3-9, the southwest corner of the reserve pit will be rounded off to avoid the drop off. Also, the pad length will be shortened by 25 feet, with the length taken off of the north end.
11. At well #C2-15, the reserve pit may be 160 feet X 70 feet maximum size. We recommend its depth be increased and its surface dimensions minimized as much as possible.

An archaeological study has been conducted by Powers Elevation Company. No cultural resources were located.

The proposed activities do not jeopardize listed, threatened, or endangered flora, fauna, or their habitats.

The BLM representative will be Ron Rogers, 789-1362.

Sincerely,



Dean L. Evans
Area Manager
Bookcliffs Resource Area

cc: USGS, Vernal

FROM: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. V-8347OPERATOR: COTTON PETROLEUM CORPWELL NO. B3-9LOCATION: 1/2 1/2 1/2 sec. 9, T. 11S., R. 21E., SLMUINTAH County, UTAH

1. Stratigraphy: *Operator stratigraphy seems reasonable.*

2. Fresh Water: *Usable water may be encountered in the sands of the Uintah Fm.*

3. Leasable Minerals:

Oil shale may be encountered in the Green River at an approximate depth of 4000' ±.

Pods of saline minerals (dawsonite + nahcolite) may be encountered in between the oil shale beds.

Coal may be encountered in the Mesaverde.

4. Additional Logs Needed: *logs should run through the Green River and the Mesaverde FMS to identify the oil shale & coal beds.*

5. Potential Geologic Hazards: *host circulation of the leached saline beds in the Green River Fm.*

6. References and Remarks:

Signature: E. BonishDate: 9-19-80



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

CHARLES R. HENDERSON
Chairman

CLEON B. FEIGHT
Director

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE MCINTYRE

April 27, 1981

Cotton Petroleum Corporation
717 17th Street, Suite 2200
Denver, Colorado 80202

Re: Well No. Love Unit #B2-3
Sec. 3, T. 11S. R. 21E.
Uintah County, Utah

Re: Well NO. Love Unit #B3-9
Sec. 9, T. 11S. R. 21E.
Uintah Coutny, Utah

Re: Well No. Love Unit #2C-15
Sec. 15, T. 11S. R. 21E.
Uintah County, Utah

Gentlemen:

In reference to above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you don't intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling these locations at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Sandy Bates
SANDY BATES
CLERK-TYPIST

Cotton Petroleum Corporation
A United Energy Resources, Inc. Company

717-17th Street Energy Center One— Suite 2200, Denver, Colorado 80202 (303) 893-2233



April 30, 1981

State of Utah
Department of Natural Resources
Division of Oil, Gas, & Mining
1588 W. North Temple
Salt Lake City, UT 84116

Re: Love Unit B2-3
Section 3 T11S, R21E
Uintah County, Utah

Love Unit B3-9
Section 9 T11S-R21E
Uintah County, Utah

Love Unit 2C-15
Section 15 T11S-R21E
Uintah County, Utah

Dear Sir:

Please refer to your letter of April 27, 1981 concerning the above mentioned wells. Cotton Petroleum has encountered some difficulties in obtaining Right-of-Ways across State land for access to the above mentioned wells. It appears that we will receive Right-of-Way within the next 30-60 days, which will allow us to drill the wells before the end of 1981.

If you have any further questions, please contact Mr. Glenn Garvey at 303-893-2233.

Sincerely,

COTTON PETROLEUM CORPORATION

DE Wood / MAX

D. E. Wood
Division Production Manager

MAY 4 1981

DIVISION OF
OIL, GAS & MINING

GAG/tg

Well No. Love Unit 1-2-11-21
Sec. 2, T. 11S, R. 21E
Uintah County, Utah

Well No. Love Unit #B 3-9
Sec. 9, T. 11S, R. 21E
Uintah County, Utah

Well No. Love Unit C1-14
Sec. 14, T. 11S, R. 21E
Unitah County, Utah

Well No. Love Unit #1-17
Sec. 17, T. 11S, R. 21 E.
Unitah County, Utah

Well No. Love Unit # 1-23
Sec. 23, T. 11S, R. 21E.
Unitah County, Utah

December 28, 1981

Cotton Petroleum Corporation
717 17th Street, suite #2200
Denver, Colorado 80202

Re: ~~Well~~ attached

Gentlemen:

On reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

q Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND
MINING

MINI

Carl Furse
Carl Furse
Clerk Typist

Cotton Petroleum Corporation
A United Energy Resources, Inc. Company

717-17th Street Energy Center One—Suite 2200, Denver, Colorado 80202 (303) 893-2233



January 5, 1982

State of Utah
Natural Resources & Energy
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attn: Cari Furse

Re: See Attached

Dear Ms. Furse:

Regarding your letter of December 28, 1981, on the above mentioned wells, Cotton Petroleum Corporation has not spudded them as of yet. We hope to have them our our 1982 drilling program.

Should you need any further information, please contact us.

Sincerely,

COTTON PETROLEUM CORPORATION

D. E. Wood
Division Production Manager

TG

RECEIVED
JAN 07 1982

DIVISION OF
OIL, GAS & MINING

Love Unit 1-2-11-21
Section 2 T11S, R21E
Uintah County, Utah

Love Unit B3-9
Section 9 T11S, R21E
Uintah County, Utah

Love Unit C1-14
Section 14 T11S, R21E
Uintah County, Utah

Love Unit 1-17
Section 17 T11S, R21E
Uintah County, Utah

Love Unit 1-23
Section 23 T11S, R21E
Uintah County, Utah

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

May 12, 1982

Cotton Petroleum Corporation
717-17th Street, Suite 2200
Energy Center One Building
Denver, Colorado 80202

Re: Rescind Application for Permit
to Drill
Well No. B3-9
Section 9, T. 11S., R. 21E.
Uintah County, Utah
Lease No. U-8347

Gentlemen:

The Application for Permit to Drill the referenced well was approved on May 11, 1981. Since that date no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

(ORIG. SGD.) R. A. HENRICKS

Production Unit Supervisor

E. W. Gwynn
District Oil & Gas Supervisor

bcc: SMA

bcc: SMA

State O&G
State BLM
MMS-Vernal
Well File
APD Control

RAH/tm